

WHAT IS CLAIMED IS:

1. A fuse body comprising a first end, a second end and a bore extending therethrough for receiving a fuse element assembly, said bore comprising a clearing portion having a first cross sectional area and a positioning portion having a second cross sectional area, said first cross sectional area larger than said second cross sectional area.

2. A fuse body in accordance with Claim 1 wherein said clearing portion extends for a first length, said positioning portion extends for a second length, said first length greater than said second length.

3. A fuse body in accordance with Claim 1, said bore further comprising a guide portion intermediate said clearing portion and said positioning portion, said guide portion comprising a cross sectional area intermediate said first cross sectional area and said second cross sectional area..

4. A fuse body in accordance with Claim 3 wherein said bore is circular in cross section.

5. A fuse body in accordance with Claim 3 wherein said fuse body is substantially rectangular.

6. A fuse body in accordance with Claim 1 wherein said body is fabricated from Alumina Zirconia.

7. A fuse body for a fuse element assembly having an outer dimension, said fuse body comprising:

a first end surface;

a second end surface; and

a longitudinal bore extending through said fuse body from said first end surface to said second end surface, said bore comprising a positioning portion and a clearing portion, said positioning portion dimensioned to receive the outer dimension of the fuse element and maintain the fuse element in a substantially centered position within said clearing portion.

8. A fuse body in accordance with Claim 7 wherein said fuse body is fabricated from Alumina Zirconia.

9. A fuse body in accordance with Claim 7, said bore further comprising a guide portion intermediate said clearing portion and said positioning portion.

10. A fuse body in accordance with Claim 9 wherein said guide portion is conical in shape.

11. A fuse body in accordance with Claim 7 wherein said first and second end surfaces are substantially square.

12. A fuse comprising:

a fuse body comprising a first end, a second end and a bore extending therethrough, said bore comprising a clearing portion having a first cross sectional area and a positioning portion having a second cross sectional area; said first cross sectional area different than said second cross sectional area; and

a fuse element assembly situated in said bore, said fuse element assembly comprising an outer dimension substantially coextensive with said second cross sectional area, said outer dimension substantially centered within said first cross sectional area, thereby ensuring a clearance between said fuse element assembly and said fuse body within said clearing portion.

13. A fuse in accordance with Claim 12 wherein said fuse body is fabricated from Alumina Zirconia.

14. A fuse in accordance with Claim 12 wherein said fuse body is substantially rectangular.

15. A fuse in accordance with Claim 12 wherein said bore is substantially circular.

16. A fuse in accordance with Claim 12, said fuse body further comprising a guide portion intermediate said positioning portion and said clearing portion.

17. A fuse in accordance with Claim 12 wherein said fuse element assembly comprises at least one fuse element comprising a first end, a second end, and a central portion, said fuse element assembly situated in said bore so that said central portion of said at least one fuse element is disposed within said clearing portion.

18. A fuse in accordance with Claim 12 wherein said clearing portion extends for a first length, said positioning portion extending for a second length, said first length greater than said second length.

19. A fuse in accordance with Claim 18 wherein said guide portion extends for a third length, said third length less than said first length.

20. A fuse in accordance with Claim 19 wherein said third length is less than said second length.